

AMENDMENTS TO THE SPECIFICATION

Please amend the abstract as shown on the next page.

Serial No.: 10/810,196

Attorney Docket No.: TRAN-P247  
(2279USAP160022)

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Examiner: Gu, S.  
Art Unit: 2189

A request tracking data prefetch apparatus for a computer system is described.

The apparatus includes a prefetcher coupled to a memory of the computer system. A tracker is coupled to the prefetcher, and is configured to recognize an access to a plurality of cache lines of the memory by a processor of the computer system. A cache memory is coupled to the prefetcher. The prefetcher predictively loads a target cache line of the memory into the cache memory ~~to reduce an access latency of the processor~~. The target cache line for the predictive load is indicated by the tracker.